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Autore	Narayanamurti Venkatesh <1939->
Titolo	Cycles of Invention and Discovery : Rethinking the Endless Frontier // Venkatesh Narayanamurti, Toluwalogo Odumosu
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Descrizione fisica	1 online resource (177 pages)
Altri autori (Persone)	OdumosuToluwalogo <1979->
Disciplina	507.2
Soggetti	Research - Methodology Science - Methodology Technology - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- 1. Breaking Barriers, Building Bridges -- 2. Boundaries in Science and Engineering Research -- 3. The Basic/Applied Dichotomy: The Inadequacy of the Linear Model -- 4. The Origins of the "Basic" and "Applied" Descriptors -- 5. The Discovery-Invention Cycle -- 6. Bell Labs and the Importance of Institutional Culture -- 7. Designing Radically Innovative Research Institutions -- 8. The Need for a Radical Reformulation of S&T Policy -- 9. Moving Forward in Science and Technology Policy -- Abbreviations -- Notes -- Bibliography -- Acknowledgments -- Index
Sommario/riassunto	Cycles of Invention and Discovery offers an in-depth look at the real-world practice of science and engineering. It shows how the standard categories of "basic" and "applied" have become a hindrance to the organization of the U.S. science and technology enterprise. Tracing the history of these problematic categories, Venkatesh Narayanamurti and Toluwalogo Odumosu document how historical views of policy makers and scientists have led to the construction of science as a pure ideal on the one hand and of engineering as a practical (and inherently less

prestigious) activity on the other. Even today, this erroneous but still widespread distinction forces these two endeavors into separate silos, misdirects billions of dollars, and thwarts progress in science and engineering research. The authors contrast this outmoded perspective with the lived experiences of researchers at major research laboratories. Using such Nobel Prize–winning examples as magnetic resonance imaging, the transistor, and the laser, they explore the daily micro-practices of research, showing how distinctions between the search for knowledge and creative problem solving break down when one pays attention to the ways in which pathbreaking research actually happens. By studying key contemporary research institutions, the authors highlight the importance of integrated research practices, contrasting these with models of research in the classic but still-influential report *Science the Endless Frontier*. Narayanamurti and Odumosu's new model of the research ecosystem underscores that discovery and invention are often two sides of the same coin that moves innovation forward.

2. Record Nr.	UNINA9910156280903321
Autore	Grant Tracy
Titolo	London Gambit
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (425 p.)
Collana	A Malcolm & Suzanne Rannoch Historical Mystery ; ; v.11
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Nota di contenuto	Intro -- Copyright -- Dedication -- Acknowledgments -- Dramatis Personae -- Prologue -- Chapter 1 -- Chapter 2 -- Chapter 3 -- Chapter 4 -- Chapter 5 -- Chapter 6 -- Chapter 7 -- Chapter 8 -- Chapter 9 -- Chapter 10 -- Chapter 11 -- Chapter 12 -- Chapter 13 -- Chapter 14 -- Chapter 15 -- Chapter 16 -- Chapter 17 -- Chapter

18 -- Chapter 19 -- Chapter 20 -- Chapter 21 -- Chapter 22 --
Chapter 23 -- Chapter 24 -- Chapter 25 -- Chapter 26 -- Chapter 27
-- Chapter 28 -- Chapter 29 -- Chapter 30 -- Chapter 31 -- Chapter
32 -- Chapter 33 -- Chapter 34 -- Chapter 35 -- Chapter 36 --
Chapter 37 -- Chapter 38 -- Chapter 39 -- Chapter 40 -- Chapter 41
-- Chapter 42 -- Chapter 43 -- Historical Notes -- A Reading Group
Guide -- Discussion Questions -- More by Tracy Grant -- About the
Author.

Sommario/riassunto

On a moonlit London night, Suzanne Rannoch slips away from a glittering Mayfair party to assist a wounded man who has escaped Paris one step ahead of Royalist pursuit. In fever-wracked delirium, the man warns Suzanne of a plot to rescue Napoleon Bonaparte--a plot that could bring chaos to Suzanne's world, for though now married to the grandson of a British duke, she was once an agent for Bonaparte... Before she can ask more questions, the mysterious man disappears into the London night. That same evening, Suzanne's husband Malcolm, himself a former spy for Britain, is summoned to the warehouse of a shipping company where a thief has been knifed to death. Beside the body is a secret compartment, but whatever the compartment contained is gone. These two seemingly unconnected incidents prove to be the opening gambit in a deadly game that will test the Rannochs' skill, strain their divided loyalties to Britain and France, and entangle not only fellow agents and spymasters, but their friends and family. The stakes are their security, their marriage, their very lives. "Shimmers like the finest salons in Vienna." --Deborah Crombie "Meticulous, delightful, and full of surprises." --Tasha Alexander "Glittering balls, deadly intrigue, sexual scandals. . . the next best thing to actually being there!" -- Lauren Willig "A superb storyteller." -- Deanna Raybourn
